

ABSTRACT OF THE DISCLOSURE.

A hydro mechanical automatic transmission for automobiles/motorcycles having an internal combustion engine and driving wheels which includes a permanent connected complementary mechanical torque converter connected to an engine output for converting and transmitting into a mechanical way the torque from the engine to the driving wheels, especially at starting time or when rising slopes; a permanent connected complementary hydraulic torque converter for converting and transmitting in a hydraulic way the torque from the engine to the driving wheels, especially at normal cruising conditions.

Both converters complement each other, then both system work together and no disconnection takes place anytime.

Hydraulic or electronic devices as control means are no longer used.

No clutches of any type are ever used.